

INDUSVAC

Indusvac Evisa does meet all requirements to supply stable and continuous vacuum to process production. Many standard models cover numerous customer requests; customised versions are also available : vertical frame, modular configuration or multiplex systems.



Automatic plant with lubricated rotary vane vacuum pumps filled with 100% synthetic MV99S oil for long life and high efficiency



**250l or 500l tanks acting as buffer volumes
All tanks are manufactured in our boiler factory**

Automatic vacuum plants for industrial applications

Basic controller for system with one pump with a 2 threshold mechanical vacuum switch



Electrical control box with MILLENIUM PLC
1 analog vacuum sensor allowing high precision for the regulated vacuum hysteresis

Intuitive interface
7" colour touch screen
RJ 45 and USB ports for data logging
Display of vacuum value in large characters



Flexo option : electric solenoid valve used when the vacuum consumption is periodic

INDUSVAC 1 EVISA

Lubricated technology

Vacuum plants delivered ready for use and easy to install.
Well-suited for working under harsh conditions whether inside or outside production area.

The system consists of :

- An Evisa lubricated rotary vacuum pump with gas ballast
- An electrical board with 3 regulations : direct starter with a mechanical vacuum switch or control box including an analogue sensor with a 4 line-display Millenium or with a touch-screen Millenium
- A 250 or 500 litres tank with a vacuum gauge



Principle

This station can be used as an autonomous vacuum source for a single source or in centralization
The pump, driven by the controller, sustains a set vacuum in the line
The buffer volume is sized in accordance with the pump suction capacity. It allows an immediate reaction to consumption changes
The flexo system option limits the effects of frequent starts and stops in case of short demand peaks.

Options

- Inlet filter with paper, polyester or active carbon cartridge protecting the plant against particles
- Electric valve minimizing the number of starts and stops when vacuum consumption is intermittent
- Additional mechanical vacuum switch baking up the Millenium card
- Oil level and temperature sensors monitoring the Evisa pump condition
- Wheel set for mobile version

Characteristics

	Nominal flow rate m ³ .h ⁻¹		Power kW		vacuum level	Tank capacity l	Noise level dB(A)	Weight kg
	50 Hz	60 Hz	50 Hz	60 Hz				
Indusvac 1 E25	30	35,3	0,75	0,90	5 mbar	250	59	75
Indusvac 1 E40	47,7	57,2	1,1	1,3	5 mbar	250	58	80
Indusvac 1 E65	68	81,6	1,5	1,8	5 mbar	500	67	125
Indusvac 1 E100	100	120	2,2	2,64	5 mbar	500	67	135
Indusvac 1 E200	200	240	4	4,8	5 mbar	500	71	205
Indusvac 1 E300	300	360	5,5	6,6	5 mbar	500	72	235

* Accuracy of +/- 5mbar at 20°C.

PLC functions

	LG7	MIL	MIL + EC
Access levels	○	○	■
Events log	○	○	■
Hourcounter	■	■	■
Alarm log	○	○	■
Dry contact for alarm synthesis	■	■	■
Maintenance management	○	○	■
Ethernet port	○	○	■
USB port	○	○	■

■ Standard equipment ○ Not available

Specifications are subject to be changed without notice.

Power supply

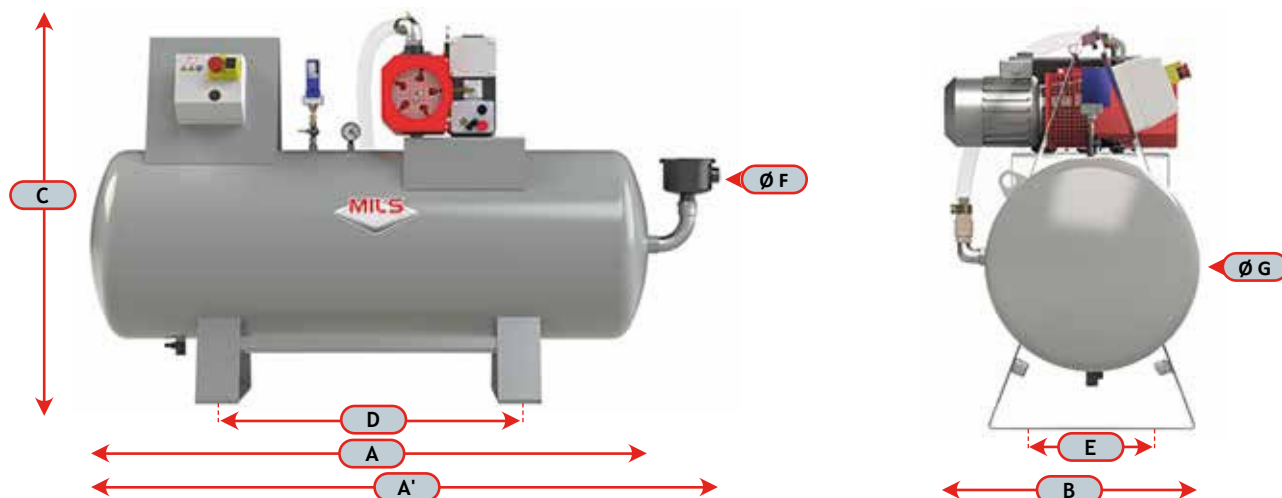
- 3-ph, 400V + N + E / 50Hz
- Other tensions and frequencies on request



Touch screen view

Automatic vacuum plants for industrial applications

Dimensions (mm)



	A	A'	B	C	D	E	Ø F	Ø G
Indusvac 1 E25	1510	1680	600	1010	770	300	3/4"	500
Indusvac 1 E40	1510	1680	600	1010	770	300	1"	500
Indusvac 1 E65	1800	1990	730	1170	1070	400	1"1/4	600
Indusvac 1 E100	1800	1990	730	1170	1070	400	1"1/4	600
Indusvac 1 E200	1800	2000	750	1300	1070	400	2"	600
Indusvac 1 E300	1800	2000	750	1300	1070	400	2"	600

Plant references

	E25	E40	E65	E100	E200	E300
Indusvac 1 Evisa	924834	924835	924873	924874	924875	924876
LG7	710422	710423	710424		710426	
MILLENIUM Alert	725200			724831		
MILLENIUM + touch screen	725201			724832		

Configuration example: For an Indusvac 1 with an E100 pump and a Millenium Alert, choose 924874 + 724831

Accessories and options references

	E25	E40	E65	E100	E200	E300
Electrical flexo valve *	625901		625388		625389	
Paper suction filter	709505	715412	709507		709513	
Polyester suction filter	709506	715413	709508		709514	
Carbon suction filter	710520	715414	710521		710522	
Network suction hose	Ø 30x 1200	712927	Ø 45 x 1500		712929	
Oil level sensor	616111		625369		624245	
Temperature sensor	625384				625385	
Back-up vacuum switch 1 per plant	625383					
Wheels kit	625382					

* Electric flexo valve : only compatible with the MILLENIUM control board.

Specifications are subject to be changed without notice.

INDUSVAC 2 EVISA

Lubricated technology

Vacuum plants delivered ready for use and easy to install.
Well-suited for working under harsh conditions whether inside or outside production area.

The system consists of :

- Two Evisa lubricated rotary vacuum pumps with gas ballast
- A MILLENIUM electrical panel including an analog sensor. Two interfaces are available : either a 4 line-display or a touch-screen panel
- A 250 or 500 litres tank with a vacuum gauge



Principle

This station is mainly can be used as an autonomous vacuum source in centralization

The pumps, driven by the controller, sustain a set vacuum in the line. Depending on the application specifications, both pumps can run concurrently or consecutively. The controller automatically balances the number of hours per pump.

The buffer volume is sized in accordance with the pump suction capacity. It allows an immediate reaction to the consumption changes

The flexo system option limits the effects of frequent starts and stops in case of short demand peaks

Options

- Inlet filter with paper, polyester or active carbon cartridge protecting the plant against particles
- Electrical valve minimizing the number of start and stops when vacuum consumption is intermittent
- Additional mechanical vacuum switch baking up the Millenium card
- Oil level and temperature sensors monitoring the Evisa pump condition
- Wheel set for mobile version

Characteristics

	Nominal flow rate m ³ .h ⁻¹		Power kW		vacuum level	Tank capacity l	Noise level dB(A)	Weight kg
	50 Hz	60 Hz	50 Hz	60 Hz				
Indusvac 2 E25	2 x 30	2 x 35,3	2 x 0,75	2 x 0,90	5 mbar	500	59	105
Indusvac 2 E40	2 x 47,7	2 x 57,2	2 x 1,1	2 x 1,3	5 mbar	500	58	115
Indusvac 2 E65	2 x 68	2 x 81,6	2 x 1,5	2 x 1,8	5 mbar	500	67	190
Indusvac 2 E100	2 x 100	2 x 120	2 x 2,2	2 x 2,64	5 mbar	500	67	205
Indusvac 2 E200	2 x 200	2 x 240	2 x 4	2 x 4,8	5 mbar	750	71	350
Indusvac 2 E300	2 x 300	2 x 360	2 x 5,5	2 x 6,6	5 mbar	750	72	410

* Accuracy of +/- 5mbar at 20°C.

PLC functions

	MIL	MIL + EC
Access levels	○	■
Events log	○	■
Hourcounter	■	■
Alarm log	○	■
Dry contact for alarm synthesis	■	■
Maintenance management	○	■
Ethernet port	○	■
USB port	○	■

■ Standard equipment ○ Not available

Specifications are subject to be changed without notice.

Power supply

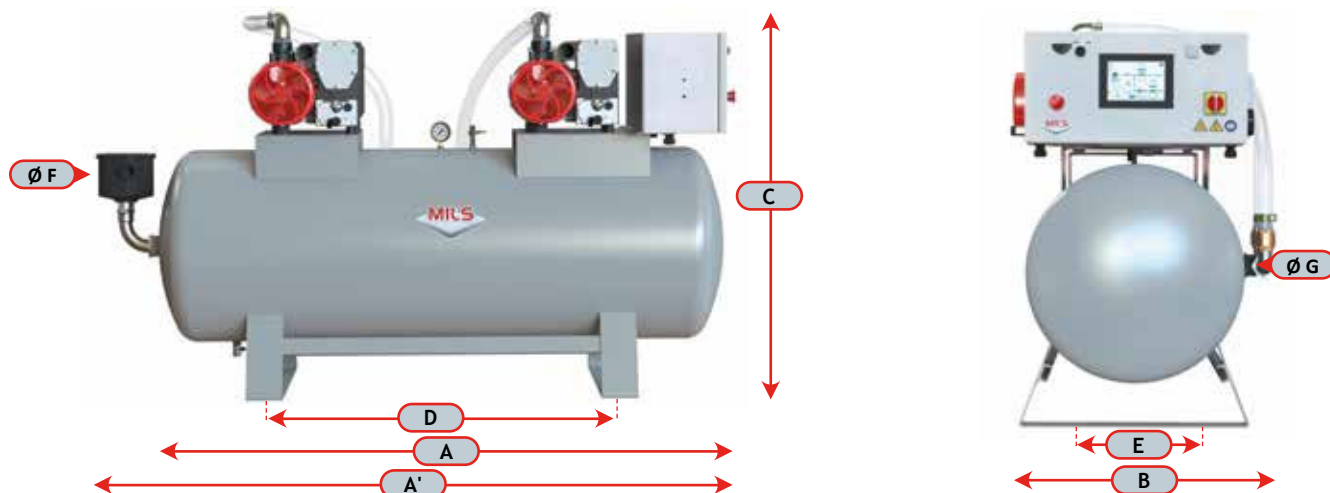
- 3-ph, 400V + N + E / 50Hz
- Other tensions and frequencies on request



Touch screen view

Automatic vacuum plants for industrial applications

Dimensions (mm)



	A	A'	B	C	D	E	E	Ø F	Ø G
Indusvac 2 E25	1820	2040	740	1100	1070	400	400	1"1/4	600
Indusvac 2 E40	1820	2040	740	1100	1070	400	400	1"1/4	600
Indusvac 2 E65	1815	1990	790	1150	1070	400	400	2"	600
Indusvac 2 E100	1815	1990	790	1150	1070	400	400	2"	600
Indusvac 2 E200	2320	2620	1060	1370	1390	400	400	2"1/2	650
Indusvac 2 E300	2320	2620	1060	1370	1390	400	400	2"1/2	650

Plant references

	E25	E40	E65	E100	E200	E300
Indusvac 2 Evisa	924877	924878	924879	924880	924881	924882
MILLENIUM Alert	724834			724837		
MILLENIUM + touch screen	724835			724838		

Configuration example: For an Indusvac 2 with an E100 pump and a Millenium Alert, choose 924880 + 724837

Accessories and options references

		E25	E40	E65	E100	E200	E300
Electrical flexo valve		625387		625406		625407	
Paper suction filter		712977		709513		770623	
Polyester suction filter		712978		709514		770624	
Carbon suction filter		712979		712980		770625	
Network suction hose		Ø 45 x 1500		712929		Ø 80x 1200	617833
Oil level sensor	1 per pump	2 x 616111		2 x 625369		2 x 624245	
Temperature sensor	1 per pump	2 x 625384				2 x 625385	
Back-up vacuum switch	1 per plant	625414					
Wheels kit				625382			